



SEQUENCE LISTING

<110> Kundig, Thomas M.
Simard, John J. L.

<120> A METHOD OF INDUCING A CTL RESPONSE

<130> MANNK.001CP1

<140> 09/380,534

<141> 1999-09-01

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<151> 1998-07-10

<150> 08/988,320

<151> 1997-12-10

<150> CA 2,209,815

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Ser Ile Val Ser Pro Phe Ile Pro Leu Leu
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<213> Hepatitis B virus

<400> 452
Phe Leu Leu Thr Arg Ile Leu Thr Ile
1 5

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<213> Plasmodium falciparum

<400> 453

His Leu Gly Asn Val Lys Tyr Leu Val
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<213> Plasmodium falciparum

<400> 454

Gly Ile Ala Gly Gly Leu Ala Leu Leu
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<213> Hepatitis C virus

<400> 455

Ile Leu Ala Gly Tyr Gly Ala Gly Val
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Gly Leu Gln Asp Cys Thr Met Leu Val
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Thr Gly Ala Pro Val Thr Tyr Ser Thr Tyr
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<213> Homo Sapiens immunodeficiency virus type 1

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Val Ile Tyr Gln Tyr Met Asp Asp Leu
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Val Leu Pro Asp Val Phe Ile Arg Cys Val
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Ala Val Gly Ile Gly Ile Ala Val Val
1 5

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1 5

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Gly Ala Gly Ile Gly Val Ala Val Leu

1 5

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<213> Adenovirus 3

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Leu Ile Val Ile Gly Ile Leu Ile Leu
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Val Asp Gly Ile Gly Ile Leu Thr Ile
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 <213> Escherichia coli

<400> 471
 Gln Ala Gly Ile Gly Ile Leu Leu Ala
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<400> 472
 Lys Ala Arg Asp Pro His Ser Gly His Phe Val
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<210> 473
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 Lys Ala Cys Asp Pro His Ser Gly His Phe Val
 1 5 10

<210> 474
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<400> 474
 Ala Cys Asp Pro His Ser Gly His Phe Val
 1 5 10

<210> 475
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 Ser Leu Tyr Asn Thr Val Ala Thr Leu
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 Glu Leu Val Ser Glu Phe Ser Arg Val
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 Arg Gly Pro Gly Arg Ala Phe Val Thr Ile
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 His Met Trp Asn Phe Ile Ser Gly Ile
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 Asn Leu Val Pro Met Val Ala Thr Val Gln
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 <400> 480
 Gly Leu His Cys Tyr Glu Gln Leu Val
 1 5

 <210> 481
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<211> 10

<212> PRT

<213> EBV

<400> 482

Leu Leu Asp Phe Val Arg Phe Met Gly Val
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<210> 483

<211> 9

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<213> Haemophilus influenzae

<400> 483

Ala Ile Met Glu Lys Asn Ile Met Leu
1 5

<210> 484

<211> 9

<212> PRT

<213> Plasmodium falciparum

<400> 484

Tyr Leu Lys Thr Ile Gln Asn Ser Leu
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<211> 9

<212> PRT

<213> Plasmodium falciparum

<400> 485

Tyr Leu Asn Lys Ile Gln Asn Ser Leu
1 5

<210> 486

<211> 10

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<213> Homo sapiens papillomavirus type 16

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Tyr Met Leu Asp Leu Gln Pro Glu Thr Thr
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<211> 9

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<213> Homo sapiens papillomavirus type 16

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 Thr Leu Gly Ile Val Cys Pro Ile
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 Thr Leu Thr Ser Cys Asn Thr Ser Val
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Ala Leu Met Asp Lys Ser Leu His Val
1 5

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1 5

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1 5

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1 5

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<211> 9

<212> PRT

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<400> 499

Ser Val Arg Asp Arg Leu Ala Arg Leu

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Ala Leu Leu Ala Val Gly Ala Thr Lys

1

5

<210> 502

<211> 11

<212> PRT

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Arg Leu Arg Asp Leu Leu Leu Ile Val Thr Arg

1

5

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Gln Val Pro Leu Arg Pro Met Thr Tyr Lys

1

5

10

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<212> PRT

<213> Homo Sapiens immunodeficiency virus type 1

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1 5 10

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1 5

<210> 506
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Ile Leu Arg Gly Ser Val Ala His Lys
1 5

<210> 507
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<400> 507
Arg Leu Arg Ala Glu Ala Gly Val Lys
1 5

<210> 508
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1 5

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<212> PRT
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Arg Val Cys Glu Lys Met Ala Leu Tyr
1 5

<210> 510
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<213> Homo Sapiens

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Lys Ile Phe Ser Glu Val Thr Leu Lys
1 5

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<212> PRT

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Tyr Val Asn Val Asn Met Gly Leu Lys
1 5

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Ile Val Thr Asp Phe Ser Val Ile Lys
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<210> 513

<211> 8

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1 5

<210> 514

<211> 9

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Val Pro Leu Arg Pro Met Thr Tyr Lys
1 5

<210> 515

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1 5

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 Thr Ile Asn Tyr Thr Ile Phe Lys
 1 5

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 Ala Ala Val Asp Leu Ser His Phe Leu Lys Glu Lys
 1 5 10

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1 5

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 Ala Phe Leu Pro Trp His Arg Leu Phe
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Met Ser Leu Gln Arg Gln Phe Leu Arg
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Ala Ala Gly Ile Gly Ile Leu Thr Val
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Glu Val Asp Pro Ala Ser Asn Thr Tyr
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Glu Val Asp Pro Thr Ser Asn Thr Tyr
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Glu Ala Asp Pro Thr Ser Asn Thr Tyr
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Glu Val Asp Pro Ile Gly His Val Tyr
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Ser Glu Ile Trp Arg Asp Ile Asp Phe Ala
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<400> 541
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<210> 542
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<212> PRT
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<400> 542
Leu Val Glu Val Thr Leu Gly Glu Val
1 5

<210> 543
<211> 10
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<400> 543
Val Ile Phe Ser Lys Ala Ser Glu Tyr Leu
1 5 10

<210> 544
<211> 9
<212> PRT
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<400> 544
Ile Ile Val Leu Ala Ile Ile Ala Ile
1 5

<210> 545
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Lys Ile Trp Glu Glu Leu Ser Met Leu Glu Val
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<210> 546
<211> 9
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Leu Ile Glu Thr Ser Tyr Val Lys Val
1 5

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Phe Leu Trp Gly Pro Arg Ala Leu Val
1 5

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Thr Leu Val Glu Val Thr Leu Gly Glu Val
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Ala Leu Val Glu Thr Ser Tyr Val Lys Val

1 5 10

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Lys Ile Trp Glu Glu Leu Ser Val Leu
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Glu Val Asp Pro Ile Gly His Leu Tyr
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<211> 9
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<213> Homo Sapiens

<400> 553
Glu Ala Asp Pro Thr Gly His Ser Tyr
1 5

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Glu Ala Asp Xaa Xaa Xaa Xaa Xaa Tyr
1 5

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Glu Ala Asp Pro Xaa Xaa Xaa Xaa Tyr
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Glu Ala Asp Pro Ile Gly His Leu Tyr
1 5

<210> 560
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Glu His Ser Ala Tyr Gly Glu Pro Arg Lys Leu Leu
1 5 10

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Ser Ala Tyr Gly Glu Pro Arg Lys Leu
1 5

<210> 563
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Glu Ala Asp Pro Thr Gly His Ser Tyr
1 5

<210> 564
<211> 16
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Ala Ala Arg Ala Val Phe Leu Ala Leu
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<210> 567
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Tyr Arg Pro Arg Pro Arg Arg Tyr
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Asp Leu Asn Thr Met Leu Asn Thr Val
1 5

<210> 569
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<213> LCKV

<400> 569

Lys Ala Val Tyr Asn Phe Ala Thr Cys

1

5